

Title (en)

ARRANGEMENT FOR AIR CIRCULATION BY NATURAL CONVECTION IN REFRIGERATORS

Title (de)

EINRICHTUNG FÜR DIE LUFTZIRKULATION DURCH NATÜRLICHE KONVEKTION IN KÜHLSCHRÄNKEN

Title (fr)

DISPOSITIF POUR CIRCULATION D'AIR PAR CONVECTION DANS DES REFRIGERATEURS

Publication

EP 1623168 A1 20060208 (EN)

Application

EP 04732554 A 20040513

Priority

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Abstract (en)

[origin: WO2004102090A1] An arrangement for air circulation by natural convection in refrigerators of the type comprising a cabinet (10) defining, internally, a refrigeration compartment (20), frontally closed by a door (30) and which is provided with an upper wall (21), side walls (22), a lower wall (23), and a rear wall (24), close to which is affixed an evaporating plate (40). The arrangement comprises a cover plate (50) frontally affixed to the evaporating plate (40) and maintaining from the latter a certain distance (D), in order to allow a downward air circulation to occur therebetween, said cover plate (50) being configured to avoid visualization of the evaporating plate (40), and to define end air passages (51, 52) and median air passages (53, 54) between the refrigeration compartment (20) and the region defined between the cover plate (50) and the evaporating plate (40).

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